System for receiving, converting and sending of data e.g. by united messaging services (UMS) and the Internet, uses control unit which can be adjusted from an input unit for setting the target data conversion format

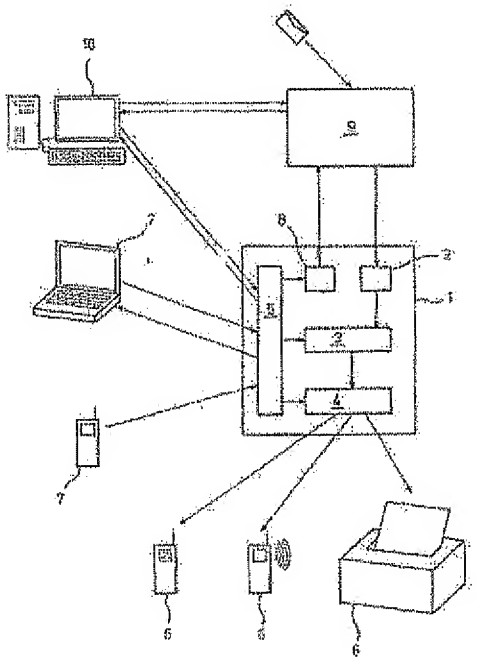
Publication number: DE10024944 (A1)
Publication date: 2001-12-06
Inventor(s): BECKERT FRANK [DE]
Applicant(s): MEDIABEAM GMBH [DE]
Classification:
- international: *G06Q10/00; H04L12/58;* G06Q10/00; H04L12/58; (IPC1-7): H04L12/00; G06F13/00
- European: H04L12/58C2; G06Q10/00F2
Application number: DE20001024944 20000522
Priority number(s): DE20001024944 20000522

Cited documents:

DE4403626 (A1)

Abstract of **DE 10024944 (A1)**

A system for receiving, converting and sending data is based on a central unit (1) which includes a receiving device (2), and converting device (3) a dispatching device (4) and a control device (5). The central unit (1) includes a request unit (8) and the control unit (5) can be adjusted by the input device (7) so that data sent from the dispatcher to a data reception unit (9) differing from the central unit (1) can be requested by the request unit (8) from the data receiving unit (9) and thus received by the reception device (2).



Result Page

The invention relates to a system to the receipt, for conversion and to the shipping of data, with a central unit, which exhibits a receipt mechanism, a conversion mechanism, a dispatching mechanism and a controller, whereby by a sender shipped data of the receipt mechanism of the central unit are receiptable, which are übergebbar of the receipt mechanism received data to the conversion mechanism of the central unit, which are convertable to the conversion mechanism handed over data of this, which are übergebbar converted data to the dispatching mechanism of the central unit, which is verse endable converted and are from in such a manner more adjustable data of the dispatching mechanism, handed over to the dispatching mechanism, to a receiving apparatus, the controller of an input device that with the control unit the conversion mechanism and the dispatching mechanism it is so controllable that the target format of the conversion of the data fixed by the conversion mechanism and the address of the receiving apparatus are with the shipping of the converted data.

The invention relates to furthermore a method to receipts, converting and dispatching data, with the subsequent method steps: Receipts of data of a central unit, converting the data in the central unit, dispatching the converted data of the central unit to a receiving apparatus, shipped of a sender, whereby the target format of the conversion of the data and the address of the receiving apparatus are predetermined.

That before illustrated system describes a system, whose central unit of formed into the Internet integrated server becomes, over the Unified Messaging services (AROUND), typically realized in the Internet, offered becomes. Accordingly the before described method describes the general method, with which such Unified Messaging services operated becomes. Starting point for Unified Messaging services is the desire present in a mobile society to be more achievable almost at any time and everywhere. From temporal, local or also financial reasons this however partial difficult can, if not even not possibly its. Beyond that can in such cases making more difficult to come that due to different types of messages, different formats of the messages, accordingly different transit periods of the messages and finally different receiving apparatuses, to which the messages sent to become a variety is present single oh arranging, which will receive only with large effort, i.e. with a variety from from each other various and receiving apparatuses provided at from each other various locations, to be able.

Here Unified Messaging sets, as become independent of the type and the format of the messages, on a central server entered messages, after a certain of an user predetermined control value converted and to a receiving apparatus pre-determined of the user or also to several receiving apparatuses shipped pre-determined of the user. Concrete one means this z. B. that the central unit of the Unified Messaging service represents a Mailserver, so that enamels will receive a bottom corresponding email address of the user on this server and, as shown above, converted and to other receiving apparatuses shipped becomes.

As receiving apparatus thereby in particular z comes. B. mobile telephones (Handy) in considerations, so that on the Mailserver entered enamel becomes either into a SMS message (SMS = Short Message service) or into a voice message converted. Since SMS messages may exhibit at present a maximum length of 160 characters, alternative comes to the transmission the entire enamel also only a notification over the fact into considerations that new enamel dealt with the Mailserver. This can become then by the user, which is on a journey, retrieved, by itself these of a computer with an Internet entrance, z. B. in an Internet cafe, serviced.

Unified Messaging services are not however only on enamel as incoming message and voice messages and/or. SMS messages as outgoing messages limited, so that the Unified Messaging service is more useful for example also as answering sets and a voice message even automatic printed and by courier, D. h. by conventional post, shipped will can. The conversion of the incoming data made thus depending upon request into various digital standard formats, for voice messages z. B. in WAV files, for text message z. B. in ASCII files or in rtf files and for diagram messages, like faxes, z. B. in GIF files or JPG files.

Dispatching by conventional posts is, as stated, also possible and comes in particular then in considerations, if the user, to which the message addresses itself, at such a location is, at which no entrance to modern electronic communication possibilities exists.

Despite the various possibilities by Unified Messaging, described before, consists a significant problem of these services of the fact that an user, which would like to take these services in claim a corresponding address, thus z. B. an email address or a telephone number with the provider of the Unified Messaging service furnish to let must. Accordingly changed this address with a change of the Around provider, usable for Unified Messaging services, and is not more usable in particular an address already present with the user.

It is corresponding the object of the invention, such a system to the receipt, for conversion and to the shipping of data and/or. such a method to receipts to make a converting and a dispatching available of data which are more usable also with conventional addresses, in particular with conventional email addresses, for Unified Messaging services.

An inventive system, with which the before shown and derived are solve the problem, is characterised in that the central unit a call unit exhibits and the controller of the input device is from in such a manner more adjustable that the data shipped of the sender to a data receipt unit various of the central unit are receiptable by means of the call unit of the data receipt unit callably and thus by the receipt mechanism.

This solution according to invention is then usable, if it concerns with the data receipt unit such an apparatus, obtained of which data by means of a Pull of method to become to be able. Such a data receipt unit places z. B. a POP Mailserver, which receives bottom certain email addresses enamels as well as collects these, and of which these collected enamels are callable thereby that an user announces itself at the POP Mailserver with its user name and its password at its user account, sets off authorized and then an instruction to transfer or the several collected enamels on the computer from which the users the connection to the POP Mailserver constructed have. A Pull concerns thus to that extent method with the retrieval of the enamels of a POP Mailserver, the enamels become only then transfered on another computer, if the enamels active are fetched from the user on the POP Mailserver. According to invention is thus provided that the enamels active ones dealt with the POP Mailserver cannot only be fetched from the user, but additional or alternative are fetched in addition from the central unit on the POP Mailserver. That access and in particular also authorizing, D. h. the indication of the user name, the user account and the password, becomes essentially realized thereby by the call unit.

In order to be able to use the possibilities of Unified Messaging optimum, provided is in accordance with a prefered development of this solution according to invention that the target format of the conversion of the data fixed by the conversion mechanism and the address of the receiving apparatus are with the shipping of the converted data in response at least a parameter of the data. In particular with the fact provided can be that the target format of the conversion of the data fixed by the conversion mechanism and

▲ top